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**D3161-7****Job Sheet 199825****Part No:** D3161-7**Job Qty:** 10 pcs**Part Name:** Hinge 14.0"**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 9/3/19**Job Tracking No:****Due Date:** 9/13/19**Created By:** Marie Lajeunesse**Type:** SOLD**Description:****Note:** DWG REV A2 IPP A 04.08.24 New Issue KJ/JLM**Ship Via:****Bill of Materials****Job Routing**

| Op No | Operation                   | Qty    | Start Date | Due Date | Standard  |         | Workcenter/Supplier   |           | Sign-off    |
|-------|-----------------------------|--------|------------|----------|-----------|---------|-----------------------|-----------|-------------|
|       |                             |        |            |          | Setup Hrs | Run Hrs | Workcenter / Supplier | Lead Time |             |
| 100   | Small Fab - 1               | 10 pcs | 9/13/19    | 9/13/19  | 0.00      | 0.74    | Small Fab - 1         |           | DEC 02 2019 |
|       |                             |        |            |          |           |         | Small Fab - 2         |           |             |
|       |                             |        |            |          |           |         | Small Fab - 3         |           |             |
|       |                             |        |            |          |           |         | Small Fab - 4         |           |             |
|       |                             |        |            |          |           |         | Small Fab - 5         |           |             |
|       |                             |        |            |          |           |         | Small Fab - 6         |           |             |
|       |                             |        |            |          |           |         | Small Fab - 7         |           |             |
|       |                             |        |            |          |           |         | Small Fab - 8         |           |             |
| 110   | QC 5                        | 10 pcs | 9/13/19    | 9/13/19  | 0.00      | 0.00    | QC 5 - 10             |           | DEC 05 2019 |
|       |                             |        |            |          |           |         | QC 5 - 12             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 17             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 18             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 19             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 22             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 24             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 3              |           |             |
|       |                             |        |            |          |           |         | QC 5 - 43             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 49             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 51             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 58             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 68             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 9              |           |             |
|       |                             |        |            |          |           |         | QC 5 - 50             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 30             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 40             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 61             |           |             |
|       |                             |        |            |          |           |         | QC 5 - 81             |           |             |
| 120   | Packaging 3-1 - Stock - B4B | 10 pcs | 9/13/19    | 9/13/19  | 0.00      | 0.00    | Packaging 3 - 1 - B4B |           | DEC 06 2019 |
|       |                             |        |            |          |           |         | Packaging 3 - 2 - B4B |           |             |
|       |                             |        |            |          |           |         | Packaging 3 - 3 - B4B |           |             |
|       |                             |        |            |          |           |         | Packaging 3 - 4 - B4B |           |             |

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|                                                                                                                                                                                                                                                      |                                             |                 |                   |                         |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----------------|-------------------|-------------------------|-----|
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 5 - B4B   |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 6 - B4B   |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 7 - B4B   |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 8 - B4B   |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 9 - B4B   |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 10 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 11 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 12 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 13 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 14 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 15 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 16 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 17 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 18 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 19 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 20 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 21 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 22 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 23 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 24 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 25 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 26 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 27 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 28 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 29 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 30 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 31 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 32 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 33 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 34 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 35 - B4B  |     |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | Packaging 3 - 36 - B4B  |     |
| 130 QC 21 - SA                                                                                                                                                                                                                                       | 10 pcs                                      | 9/13/19         | 0.00 0.00         | QC 21 - SA - 21         | DAS |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | QC 21 - SA - 70         | 21  |
|                                                                                                                                                                                                                                                      |                                             |                 |                   | QC 21 - SA - 53         | 33  |
| Part Op 100 - Small Fab - (1) 72" Hinge makes (5) D3161-7 parts at 14" long<br>Descriptions: 110 - QC5- Inspect part completeness to step on W/O<br>120 - Identify as per dwg & Stock Location:<br>130 - QC21- Final Inspection - Work Order Release |                                             |                 |                   |                         |     |
| <b>Job BOM</b>                                                                                                                                                                                                                                       |                                             |                 |                   |                         |     |
| <b>Part / Item</b>                                                                                                                                                                                                                                   | <b>Component Name</b>                       | <b>Quantity</b> | <b>Operation</b>  | <b>Container</b>        |     |
| MS20257-3-7200                                                                                                                                                                                                                                       | Piano Hinge <i>SET 119</i><br><i>NAT052</i> | 12 ft (1.2 ea)  | 100-Small Fab - 1 | <i>21</i> <i>528595</i> |     |
| <b>Job Allocations</b>                                                                                                                                                                                                                               |                                             |                 |                   |                         |     |
| <b>Operation</b>                                                                                                                                                                                                                                     | <b>Component Part</b>                       | <b>Required</b> | <b>Inventory</b>  | <b>Allocated</b>        |     |
| 100-Small Fab - 1                                                                                                                                                                                                                                    | MS20257-3-7200                              | 12              | 30                | 0                       |     |
| <b>Part Specifications</b>                                                                                                                                                                                                                           |                                             |                 |                   |                         |     |
| Specifications could not be found.                                                                                                                                                                                                                   |                                             |                 |                   |                         |     |

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Entered: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. \_\_\_\_\_

Route update only ☐

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------|--|
| Job: _____<br><br>Part No. _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DISPOSITION</b><br><br>Rework <input type="checkbox"/><br>Scrap <input type="checkbox"/><br>Use-as-is <input type="checkbox"/> | <b>DEPARTMENT/PROCESS</b><br><br><div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/><br/>           Machining <input type="checkbox"/><br/>           Large Fab <input type="checkbox"/> </div> <div>           Cross tube <input type="checkbox"/><br/>           Small Fab <input type="checkbox"/><br/>           Finishing <input type="checkbox"/> </div> <div>           Eng. (Non-AW) <input type="checkbox"/><br/>           Prod. Eng. Coord. <input type="checkbox"/><br/>           Rec/Store/Packaging <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/><br/>           Water Jet <input type="checkbox"/><br/>           Supplier <input type="checkbox"/><br/>           Quality <input type="checkbox"/> </div> </div>                                                                                                                                                                                                                                                                      |  |                        |  |
| Date : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sequence #: _____                                                                                                                 | QTY Affected : _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  | MRB (QSI042)           |  |
| Description Work Order Deviation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                   | Disposition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | Completed By           |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Lead hand / Supervisor |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | QC / QA Coordinator    |  |
| <b>Root Cause</b><br><br><div style="display: flex;"> <div style="flex: 1;">           Operator <input type="checkbox"/><br/>           Manufacturing Process <input type="checkbox"/><br/>           Equip/Tooling <input type="checkbox"/><br/>           Handling/Presservation <input type="checkbox"/><br/>           Material <input type="checkbox"/><br/>           Product Improvement <input type="checkbox"/><br/>           Process Improvement <input type="checkbox"/><br/>           Human Factors <input type="checkbox"/> </div> <div style="flex: 1;"> <input type="checkbox"/> Pressure/Forced<br/> <input type="checkbox"/> Bending<br/> <input type="checkbox"/> Crushing<br/> <input type="checkbox"/> Cracks<br/> <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist<br/> <input type="checkbox"/> Marks/Chatter<br/> <input type="checkbox"/> Mislabeled         </div> </div> |                                                                                                                                   | <b>FAULT CATEGORY</b><br><br><div style="display: flex;"> <div style="flex: 1;"> <input type="checkbox"/> Contamination<br/> <input type="checkbox"/> Misaligned/off center<br/> <input type="checkbox"/> BOM/Route<br/> <input type="checkbox"/> Broken/Damage/Defect<br/> <input type="checkbox"/> Incomplete/Unclear Instructions<br/> <input type="checkbox"/> Drill Holes<br/> <input type="checkbox"/> Fit/Function         </div> <div style="flex: 1;"> <input type="checkbox"/> Power Loss/Surge<br/> <input type="checkbox"/> Folio/Program<br/> <input type="checkbox"/> Grain Direction<br/> <input type="checkbox"/> Weld<br/> <input type="checkbox"/> Wrong Stock Pulled<br/> <input type="checkbox"/> Out of Sequence<br/> <input type="checkbox"/> Off-set/Set-up         </div> <div style="flex: 1;"> <input type="checkbox"/> Positioned Wrong<br/> <input type="checkbox"/> Outside Tolerance<br/> <input type="checkbox"/> Drawing<br/> <input type="checkbox"/> Finish<br/> <input type="checkbox"/> Part Lost/Missing<br/> <input type="checkbox"/> Misread         </div> </div> |  |                        |  |
| Other/Details:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                        |  |



**Container No: S236485**



**Part: D3161-7**

**Job No: 199825**

**Serial No/Batch: S236485**

**Revision:**

**Inspector:**

**Exp Date:**

**Instructions: Various STC's**

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**Date: 12/02/19**